



Security Certificate

(Unique Ref No: CSW- SC- 07 - 012019)

Audit Performed by: Cyber Security Works Pvt. Ltd.

Application Name: Regional Directorate Apprenticeship Training Web Application.

Staging URL on which the audit has been performed: <http://rdatchennai.gov.in>

Production URL of the web application: <http://rdatchennai.gov.in>

Audit Performed by:

a) Name : Vijayakumar M R
b) Email : vijayakumar.muniraj@cybersecurityworks.com
c) Telephone : +91-44-42089337
Level - 01 Assessment date : 01-12-2018 – 03-12-2018
Final Assessment date : 28-01-2019
Issue Date : 08-02-2019
Unique Reference No. : CSW-SC-07-012019

Regional Directorate Apprenticeship Training (RDAT) Web Application, auditing is completed on a staging server with URL <http://rdatchennai.gov.in> from CSW Office During the initial assessment of the web application following vulnerabilities were discovered which have been successfully fixed by the development team:

1. HTTP Verbs
2. Banner Disclosure
3. Clickjacking

* Reported Issues needs to be fixed in Production Server.

* SSL should be enabled on production server.





CONCLUSION:

Auditing for Regional Directorate Apprenticeship Training (RDAT) Web Application was done from **December 01, 2018 – December 03, 2018** in the staging server URL <http://rdatchennai.gov.in> by Cyber Security Works Pvt. Ltd. The follow-up audit was done and concluded on January **28, 2019**. There is no pending nonconformity w.r.t OWASP Top 10, 2017 as on **February 08, 2019**.

Regional Directorate Apprenticeship Training (RDAT) Web Application (at <http://rdatchennai.gov.in>) meets all the aspects of Open Web Application Security Project (OWASP) and is safe for hosting provided the recommendations are implemented. Regional Directorate Apprenticeship Training (RDAT) web application in a secure operating environment will create an overall system that is resilient to known patterns of attack.

It is therefore our opinion that a typical user would require a sophisticated level of security attack skill to breach such a system. In this capacity, we are pleased to provide a positive rating on the security posture of Regional Directorate Apprenticeship Training (RDAT) Web Application. This application is free from any known vulnerabilities as on **February 08, 2019**.

The web application is free for all the vulnerabilities and is safe for hosting provided the recommendations are implemented.

Recommendation:

- a) The entire application should be hosted with read permission only.
- b) The database user mentioned in the connection string should be with low level privilege and it should be in encrypted format.
- c) SSL should be enabled on production server. HttpOnly and secure flags should be enabled on all session ids and cookies.
- d) Web server/framework and OS level hardening must be completed on the production servers.
- e) This certificate is valid till no modification in Regional Directorate Apprenticeship Training (RDAT) web application is done or one year from the date of issue whichever is earlier.

Ravi Pandey
(Lead- Technical)

For Cyber Security Works Pvt. Ltd.



Date : 13-02-2019

Place : Chennai